IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

JUDITH E. SCHWABE

SERIAL NO.:

UNASSIGNED

FILING DATE:

HEREWITH

TITLE:

REMOTE INCREMENTAL PROGRAM VERIFICATION USING

API DEFINITIONS

EXAMINER:

UNASSIGNED

ART UNIT:

UNASSIGNED

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class

Mail in an envelope addressed to: Commissioner for Patents & Trademarks, Alexandria, VA 22313-1450, on
the date printed below:

Date: UNW

Name:

Lola R. Salazar

Commissioner for Patents Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached, may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited was submitted in Application No. <u>09/662,503</u> upon which is based a claim for priority under 35 U.S.C. § 120. The Examiner is requested to make these items official record in this application.

This Information Disclosure Statement under 37 CFR §§ 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

Copies of the documents listed in the attached Form 1449 were previously submitted in prior application Serial No. <u>09/662,503</u>, filed <u>September 14, 2000</u>, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120. In accordance with 37 C.F. R. 1.98(d), copies of the listed documents are not included.

I

This statement is filed pursuant to:

(X) 37 C.F.R. § 1.97(b).

This information disclosure statement is filed either (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; (3) before the mailing date of a first office action on the merits, or (4) before the mailing of a first office action after the filing of a Request for Continued Examination under 37 C.F.R. § 1.114, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

() 37 C.F.R. § 1.97(c). This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (b), but before the mailing date of either (1) a final action under 37 C.F.R. § 1.113; (2) a notice of allowance under 37 C.F.R. § 1.311; or (3) an action that otherwise closes prosecution in the application.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17 (p) for submission of an information disclosure statement under 37 C.F.R. § 1.97 (c) (\$180); or a certification according to 37 C.F.R. § 1.97 (e).

() 37 C.F.R. § 1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) (\$180), and a certification according to 37 C.F.R. § 1.97(e).

Docket No. SUN-P4172CNT (811173-000431)

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

II

(X) No fee is due.

() The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) is enclosed (\$180).

Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698. An additional copy of this page is enclosed.

III

Pursuant to 37 C.F.R. § 1.97(e), I certify:

- (X) No certification is necessary.
- () Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.
- () (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of the statement.

Respectfully submitted,

THELEN REID & PRIEST LLP

Dated: 9/12/03

John P. Schaub

Reg. No. 42,125

THELEN REID & PRIEST LLP P.O. Box 640640 San Jose, CA 95164-0640 (408) 292-5800 (408) 287-8040

		ial if citation conside		not citation is in con					itation
Examiner						Date Consid	iered	-	
						•		<u> </u>	
					······································				
		Security (TZ/FE34)						
	E	David Basin "Java	Bytecode Verif	ication by Model Che	ecking" Sy	stem Abstract,	pgs. 492-495	IT-Resea	arch
	,	Other Do	ocuments (Inclu	ding Author, Title,	Date. Per	tinent Pages <i>e</i>	etc.)		i=
						•			
									1
		<u> </u>							
	_					1		 -	147
	D	WO 98/19237	5/7/1998	WO		G06F	9/46	X	-
Init.	C	0 685 792 A1	5/24/1995	EUROPE		G06F	Subclass 11/00	Yes	INO
Init		Document No.	Date	Country		Class	Subclass	Tran Yes	slation No
· · · · · · · · · · · · · · · · · · ·				Foreign Document	ts				
		1		<u></u>					
							<u> </u>		
						<u> </u>		_	
						:			
-									
								<u> </u>	
									
		 			· · · · · · · · · · · · · · · · · · ·				
				7					
	<u> </u>	3,013,137	3123171	1101Zillailli et al.		304	370	6/21/	
	A B	5,748,964 5,615,137	5/5/98 3/25/97	Gosling Holzmann et al.		395 364	705	{	/1994
Init.		Document No.	Date	Name		Class	Subclass	1 -	Date
				J.S. Patent Docume	nts	T-01			
		(Use several she	ets if necessary)		<u> </u>				W
	-					Herewith	Group):	
	Info	rmation Disclosure S	Statement by A	applicant	Applica Schwab	nt: e, Judith			
		Patent and Tradem	ark Office		1				
(Rev. 2-32		U.S. Department	of Commerce			1172 CNT	Scriarivo	•	
Form PTO	1///0				Atty D	ocket No.	Serial No		

Form PTO 1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. SUN-P4172 CNT SUN-P4172 CNT						
Information Disclosure Statement by Applicant						Applicant: Schwabe, Judith E.				
	(Use several sheets if necessary)					ienewith Gro	oup:			
				U.S. Patent Docume	nts				,	
Init.	Π	Document No.	Date	Name		Class	Subclass	Filing	Date	
	 	5,446,901	8/29/95	Owicki et al.		395	700	6/30/9)3	
		5,884,316	03/16/99	Bernstein et al.		707	103	11/19	/96	
		6,182,158	01/30/01	Kougiouris et al.		709	328	8/19/9)7	
		6,212,633	04/03/01	Levy et al.		713	153	05/26	/98	
	<u> </u>									
						<u> </u>				
	<u> </u>					ļ				
	<u> </u>	<u> </u>				ļ				
	<u> </u>					<u> </u>		<u> </u>		
,				Foreign Document	s					
T-in		Document No.	Data	Countrie		Class	Subclass	Yes Tran	slation No	
Init.	ļ	Document No.	Date	Country		Class	Subclass	1 65	110	
	 						 			
	 					-				
 	 									
	ļ					 			 	
	 					 	 	 		
	ļ									
ļ	1					1			<u></u>	
		Other Do	cuments (Inclu	iding Author, Title,	Date, Per	tinent Pages,	etc.)			
	A	Daniels, John et al., UK, pages 27-36	"Strategies Fo	r Sharing Objects In I	Distributed	Systems", JC	OP, Object De	esigners L	Ltd.,	
										
	1				·					
	†									
	1						······································			
Examiner			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		Date Consid	dered ·			
Examiner	: Initi	ial if citation consider	red, whether or	not citation is in conf	ormance v	vith MPEP 60	9: Draw line th	rough cit	tation	
				copy of this form wit						

Page 3 of 6

Form PTO 1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office				SUN-P	Atty. Docket No. SUN-P4172 CNT SUN-P4172 CNT					
	Informati n Disclosure Statement by Applicant					Applicant: Schwabe, Judith E.				
	(Use several sheets if necessary)				Filed:	Herewith	Group:			
				U.S. Patent Docum	rents					
Init.		Document No.	Date	Name		Class	Subclass	Filing	, Date	
		+				 	<u> </u>	 		
	+	-								
							<u> </u>	ļ ·		
				<u> </u>		<u> </u>		<u> </u>		
Init.	A	98/37526	19.02.98	wo		G07F 7/10	T	<u>. </u>		
	В	0 718 761 A1	19.12.95	EPO		G06F 9/455	G06F 9/44			
	-1	T. 01	C) 4-16: A -	** · · · · · · · · · · · · · · · · · ·	113					
	С			plication Smart Card papers/multiApplic		Card/, July 25, 2	2002			
	D	Chen, Zhiqun, "Jav	va Card™ Tech	nology for Smart Ca	ards", <i>Sun N</i>	Aicrosystems, pa	ages 11-16, Ju			
	E	22, 1995	•	The Java Virtual M		•		•		
	F	1997, Revision 1.0	Final.	rd™ 2.0 Language S						
	G		·	rd™ 2.0 Programmi						
	H	"Sun Delivers On V Wire, September 23		JAVA Technology	to the Cons	umer and Embe	dded Market",	, Busine	SS	
	I	"Sun Microsystems	s Announces JA	AVACARD API", B						
	J	Sun Microsystems: Presswire, May 199	"Sun's JAVA 99	Technology Leads	Open World	lwide Market fo	or Smart Cards	;", M2,		
Examine						Date Consider				
Examine	er: Initia	al if citation considere	ed, whether or n	ot citation is in con-	formance w	ith MPEP 609;	Draw line thro	ough cita	ation	

if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

Page 4 of 6

Form PTO	1440			Atty T	Oocket No.	Serial No	`		
(Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office				sun	- P4172 CNT		·•		
]	Information Disclosure Statement by Applicant				Applicant: Schwabe, Judith E.				
	(Use several she			Filed:	Herewith	Group	:		
			U.S. Patent Docu	ments					
Init.	Document No.	Date	Name		Class	Subclass	Filing	Date	
	5,668,999	09/16/97	Gosling		395	704	1		
	6,092,147	07/18/00	Levy et al.		711	6			
						ļ	<u> </u>		
			<u> </u>		 	 			
		· · · · · · · · · · · · · · · · · · ·	<u> </u>	 					
	 			·	-		 		
					<u> </u>				
Init.		1	T		7		T		
			 		1		+		
						. <u> </u>			
	· .		······································		<u> </u>				
									
			·		 _				
Examiner					Date Consid	lered			
								. 	
Examiner: I	initial if citation consider	ed, whether or	not citation is in co	ontormance	with MPEP 60!	y; Draw line th	rough cita	tion	

if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

Form PTO 1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office					Pocket No. P4172 CAT	Serial No			
	Information Disclosure Statement by Applicant				Applicant: Schwabe, Judith E.				
<u> </u>	(Use several sheets if necessary)				Herewith.	Group	p:		
			U.S. Patent Docu	ments					
Init.	Document No.	Date	Name	inches .	Class	Subclass	Filing	Date	
	5,999,731	12/7/99	Yellin et al.		G06F	9/45	3/24/9	8	
	6,477,702	11/5/02	Yellin et al.		G06F	9/45	11/9/0	0	
		+					T		
 		 	 				1		
 		 	 	· · · · · · · · · · · · · · · · · · ·			1		
 					 		1		
					†		1		
			 						
									
							1		
				·····					
		1	1						
							-		
			1						
							ŀ		
<u></u>			Foreign Docume	amte.					
<u> </u>			Foreign Docum				Tran	slation	
Init.	Document No.	Date	Country		Class	Subclass	Yes	No	
	WO 00/00890	1/6/00	EP		G06F	11/00	Abstract		
	WO 01/14958	3/1/01	FR	·	G06F	9/00			
├┈┈┈┈ │	Oth Doo		uding Author, Titl	o Doto Por	tinant Pages	etc)			
	George E. Necula.	et al., "Proof-	Carrying Code", No	ovember 199	6, pp. 1-60	cicij			
	George E. Necula, et al., "Proof-Carrying Code", November 1996, pp. 1-60 Joachim Posegga, et al., "Byte Code Verification for Java Smart Cards Based on Model Checking",								
	September 16-18, 1998, pp. 176-190								
							·		
					D-4- C:				
Examiner					Date Cons			-4	
Examiner:	Initial if citation considerent	ed, whether or ered. Include a	not citation is in co	onformance with the nex	with MPEP 60 t communicat	UY; Draw line the ion to applicant	rough cit	ation	

Notice of References Cited Application/Control No. SUN- PUITZ ENT Examiner Applicant(s)/Patent Under Reexamination Judith E. Schwabe Art Unit Page 60+6

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
х	Α	US-6,002,871	12-1999	Duggan et al.	717/135
х	В	US-5,668,999	09-1997	Gosling, James A.	717/126
х	С	US-6,247,171	06-2001	Yellin et al.	717/126
х	D	US-6,075,940	06-2000	Gosling, James A.	717/126
х	E	US-6,052,732	04-2000	Gosling, James A.	709/229
Х	F	US-5,748,964	05-1998	Gosling, James A.	717/126
X	G	US-6,477,666	11-2002	Sanchez et al.	714/41
Х	Н	US-6,138,112	10-2000	Slutz, Donald R.	707/2
х	-	US-6,038,378	03-2000	Kita et al.	714/38
	J	US-			
	К	US-			
	L	US-			
	М	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	0					
	Р		-			
	Q					
	R					
	S					·
	Т					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V.	
	w	
	х	3

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

: